

# using iRODS (part two)

deep into icommands

# First of all. News

- new torroja machine was delivered this week. for the moment is called 'manolete'.
- system setup has been done. web, mail and ssh servers working. **Firewall problems, though.**
- user accounts not created; if you want, login as root and proceed.

# Upgrading

- Considering improved web site.

# change on the config

- the host name for iRODS test machine is now 'guest6'.
- the password for rods user has changed.

# what is a resource in iRODS?

- is a physical place to store data. in our case will be disks or tape.

# how iRODS references data?

- iRODS builds its own path-tree to organize data. similar to linux filesystems.
- for now we have /fluidMec, which works as a virtual root folder.

# iPut

- store a file (or directory): `iput <local-file-path> <irods-destination-path>`
- several options to consider: overwrite, upload a complete folder, transfer threading (btw, proved to be better than BBCP), resource used to store, etc...

# iGet

- you all know what is this for.
- similar syntax and options as iPut.



# more iCommands

- imkdir (creates empty collection)
- irm (removes data object)
- ils (lists collections and data object in your current directory)
- ipwd, icd, ichmod, ipasswd, and so on...
- but, there are some non-trivial icommands, which we are looking further.